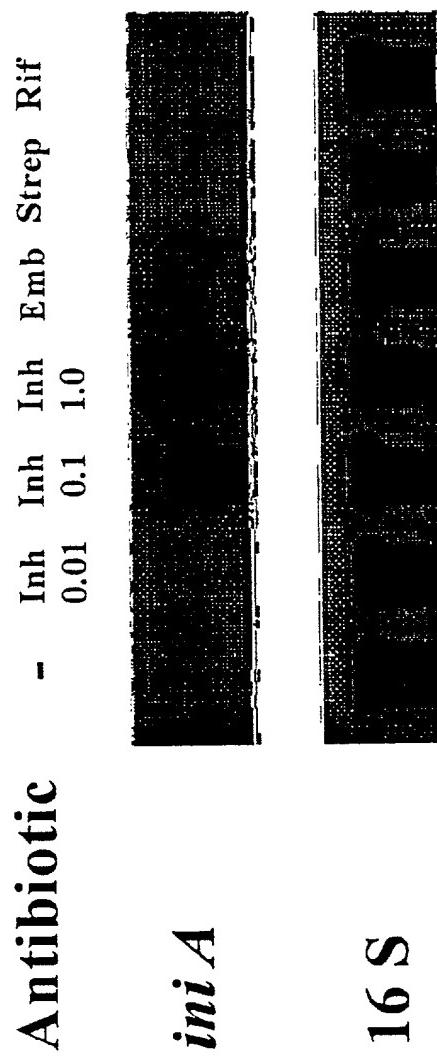


Figure 1



Strain *M. tuberculosis* (Erdman)

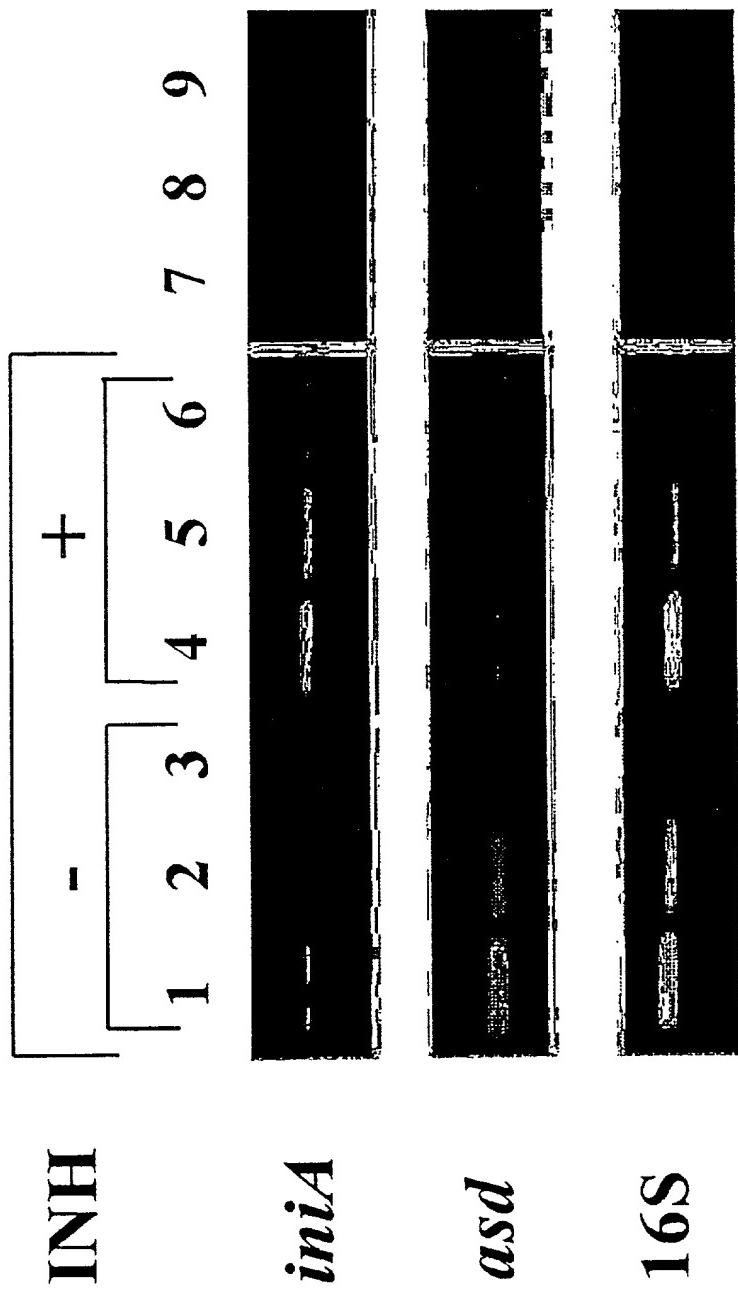


Figure 2B

Strain BCG S BCG R

INH
$$\left[\begin{array}{c} - \\ 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 \end{array} \right] \left[\begin{array}{c} + \\ - \end{array} \right] \left[\begin{array}{c} 10 & 11 & 12 & 13 & 14 & 15 & 16 & 17 \end{array} \right]$$

iniA

16S

Figure 3

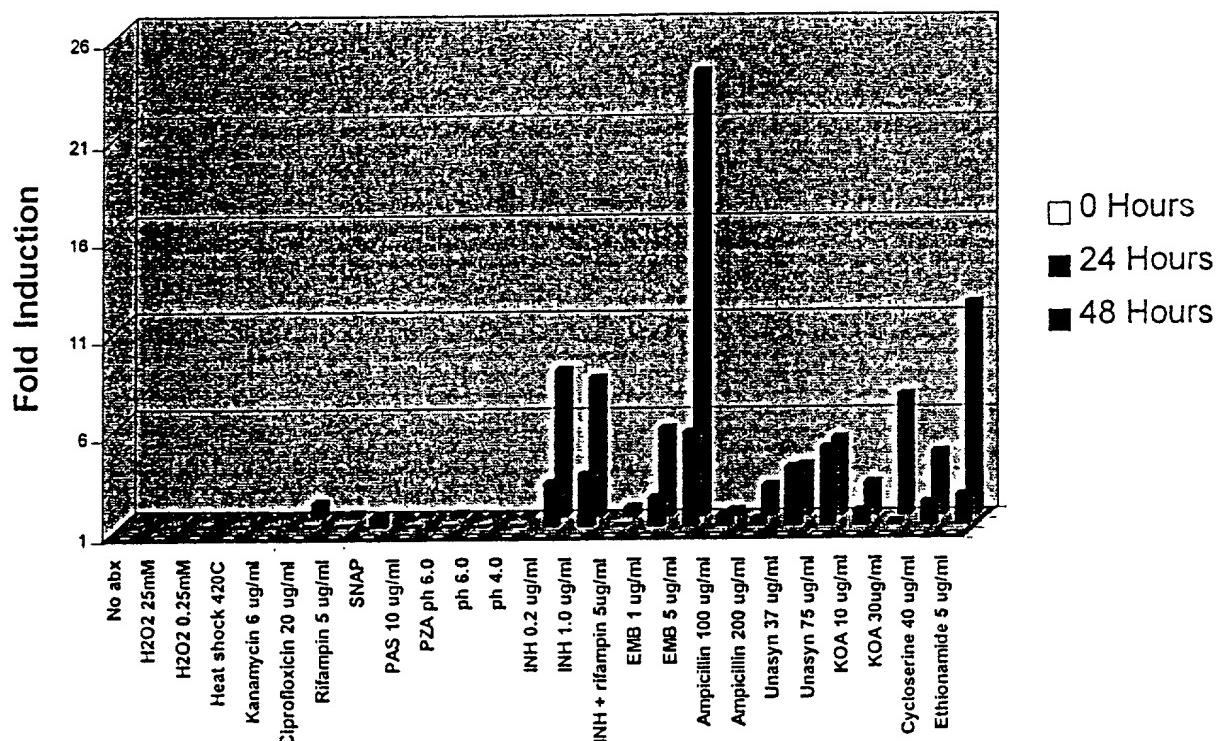
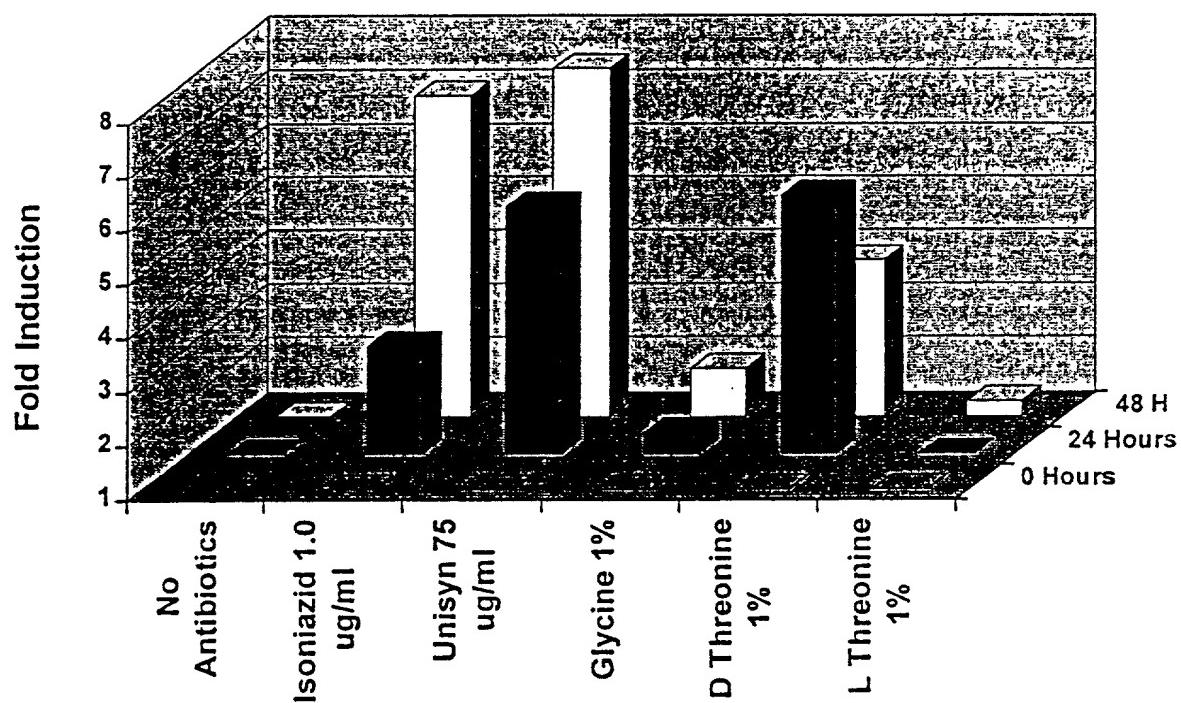


Figure 4



Luciferase induction by *iniA* promoter

Figure 5

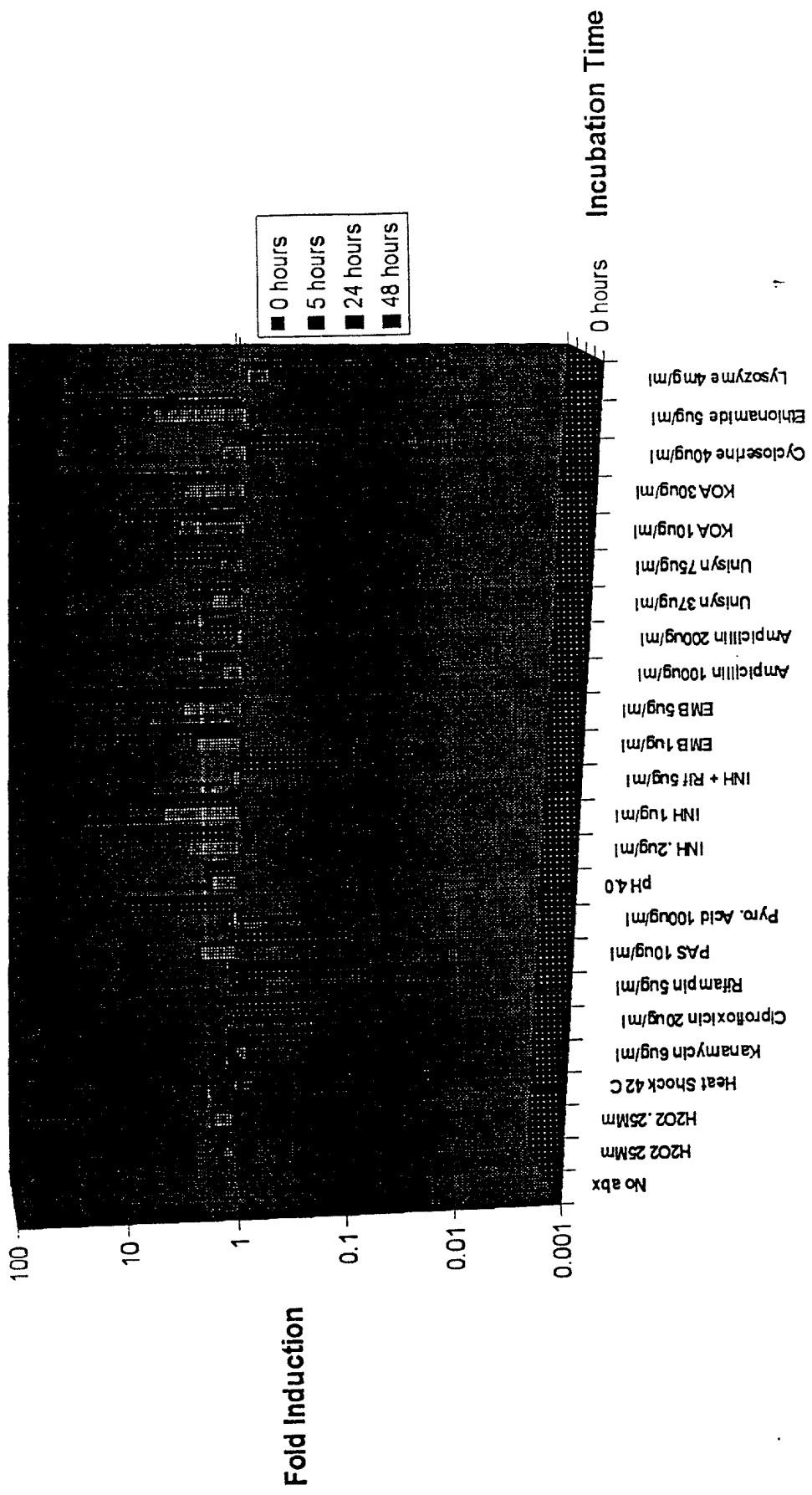


Figure 6A

Cosmid MTY13E10:

9048 cac ggctacgaca
9061 tccacggata agttccggac cggcgttaggg gtgcggcatt

DRAFT - UNPUBLISHED - 10

1 tccccataatc ccctaacgcg gcccggcaggc cgatcccgat aggtgtttgg cccgcgtcg
61 gatcagaccc cgatccggg gtgaggcgg aatccatagcg tcgatggcac agegccggtc
121 acgcccggcga acagcttctt cgattgaagg gaaatgaaga tgacccctcgat tatacgattac
181 atccctgagcc ttccggcag cgaagacgccc gcccggcgtcg tccgggacgg
241 gccatgacca gtgcgggct gatcgatatac gcgcgcacc aatctcatc ggtggcggcc
301 aatgtggtgc cgggtctgaa tctgggtgcc ggcgacccca tgagcggatt gcggcaggcc
361 gtcgcgcgtc ggcattggc ttccggcaggac gtcgcggatcg tccggcgtcg cgggtgacg
421 ggcgcgggggg tggcaagcgt catcagcacc gatgtcggtcg cgggcgtcg tagggactg
481 ggtgcgtgggt tccgggtca ggggtgcgt gctctcgccg cgtcaagcgg tggttcggc
541 ggtcaggctcg gcttggctcg ccaggctcggt ctgggtttta ctggcgtat tgaggccgag
601 gtcgcgcgtc aggttggtgc tgggttaggt attgggacgg gtcgtgggtgc tcaggccggt
661 atgggctttg gcccgggggt tggcctgggt ctgggtggc aggccggcgg tgtgatcggt
721 gggagcgcgg ccggggctat cggcggcggc gtcggcggc gcctaggcgg caatggccag
781 atcggagttg cggccagggt tgccgtggc gtcgggtcg ggcgtgggtcg cggccggccag
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901 gtcagcggcc tgaccgggggt cagcagcaac gcagtgttg cttccaacgc aacgcggccag
961 gcgggggttga tcgcccagtga aggccgtgcc ttgaacggcgt ctgtatgcc tcatctgtcg
1021 gggccgttag cgggtgtcggt tgggtgggt caggccggcgg cggctggcgg cggccgggttg
1081 ggcttcggag cggcggcggca cccactctt cagccggcgg ccctggcgc ggcgtggcgtg
1141 gtggcaaga ccgaggcggc tgctggagtg gttggcgggg tcggcggggc aaccgcggcc
1201 ggggtcggcggc gggcacacgg cgacatccgt gcccacggagg gagccgcaact gggcagtgtc
1261 gacacggtca acgcccgggtg caccggcgtc gagcatggct tggcctgcc cagtggccccc
1321 ctgatccacg gcggtaccgg cggctatggc ggcattaaacc cggcagtgtac cgtgcgcgg
1381 gcaccgcac ttccggcggc gggccagccg atgaccacgg cggccggagca caccggccgg
1441 gttacccaaac cgcacacac gcccggcgtcg cggccggcgtcc acgataagcc gcccggccat
1501 tcgggtttt acgtcggtca cggccggcgtcg gtgacgcaca cggccggcggc gcccattaa
1561 ctggcgtcgat acggcccttt cggactaccc ggggtctgtat tcgacggccg atttacgaa
1621 cgggtggggc cgttcgtat cccggccgt ttgtgcgtat accgtgtatc gaggcgtaaa
1681 cgagcggaaa agtggggcga caccggcgtcg cggccggatg acccactgtcg ggtcggtgt
1741 atcgtcgaaac tgatcgatca cactatcgcc atcgccaaac tgaacggcgtcg tgggtatcta
1801 gtacagcgggt tgacggcggc tcgcccggcgtcg atcaccggacc cgcaggcgtcg tgggtatcta

Figure 6B

1861 gccgggctgc tcaaacaggg caagagtcaa ttgctcaatt cgttgctcaa cctgcccgcg
1921 gcgcgagtag gcatgacga ggccaccgtg gtgatcaccc tcgtaagcta cagcgccaa
1981 ccgtcgcccc ggcttgtgt ggccgccggg cccgacggga caaccgcaga ggttgcatt
2041 cccgtcgatg acatcagcac cgatgtgcgt cgggctccgc acgcccgtgg ccgcgagggtg
2101 ttgcgggtcg aggtcggcgc gcccagcccg ctgctgcggg gggggctggc gtttatcgat
2161 actccgggtg tggcggcct cggacagccc cacctgtcgg cgaacgtggg gctgcatacc
2221 gagggcgatg cegtcgttgt ggtcagcgc accagccagg aattcaccga acccgagatg
2281 tgggtcgcc ggcaggcca ccagatctgt cgggtcgaaa cggtcgtggc caccaagacc
2341 gacctgtatc cgcgcgtggc ggagatcgtc aatgccaatg cagcacatct gcagcgggccc
2401 cgggttccga tgccgatcat cgcagtctca tcactgttgc gcagccacgc ggtcacgtt
2461 aacgacaaaag agctcaacga agagtccaaac ttccggcga tcgtcaagtt tctcagcggag
2521 caggtgcctt cccgcgcgac ggagcggatg cgtgcgtggg tactcggcga aatacgttcg
2581 gcaacagage aattggcggt gtctctagg tccgaactat cgggtggtaa cgaccgaaac
2641 ctcgtgacc gacttgctt ggattttggag cggcgcaaaac gggaaagccca gcaggcggtg
2701 caacagacag cgctgtggca gcaggtgctg ggacgcgggt tcaacgcacct gactgctgac
2761 gtggaccacg acctacgaac cgcgttccgc accgtcaccc aagacgccga gcccagatc
2821 gactcctgtg acccgactgc gcattttggcc gagattggca acgacgtcga gaatgcgatc
2881 gcccacagcgg tggcgacaa cttcggttgtt gcataaccgc gttccgaagc gttggccgac
2941 gacgtcgctc gctccttgc cgacgcgggg ttggactcgg tccgtcagc agagctgagc
3001 cccacgtca tggcaccga ctccggccgg ctcaaagcgc tggggccggat ggaatcgaaa
3061 cgcgtcgccc gggggccataa aatgattatc ggcattgcggg gttccatgg cggcggtggc
3121 atgattggca tgctgtcgtc ggtggcggaa ctgggttgtt tcaacccgct atcggtgggg
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3541 agcttggac gagcgtgagc accagcgacc gggtccgcgc gattctgcac gcaaccatcc
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4021 agcgcacgtt gcccgtcg tcccccggc acgggggtcc tcgggtggat ggggtgggt
4081 tccgttgcg caccctgaac gccgcgtacg tcgcgtgtt cttacacatc ggtgggtcg
4141 tcggcgggtc ggtgggagcc ctgggcatca tcgggtggc gtctcgccgc gatgagatcg
4201 ggcggggccg catcgacgcg atgctctcg ccaacgcgtt ggcacgcgg ttccacccgc
4261 aactgaacca gatggcatt tgccaggcgg tgggtggcgtt atccggactt ctgcgtga

Figure 6C

4321 ccgcgcac actgcgccag accgagttca tcgcgtcgcaagctggcc ggtgccgagc
4381 gcaccgagct caataggccc ctgctgagcg tggaccgtt tgtgcgcgg gacagtccgc
4441 taccggtgga cgcgggcatc cgtgcgaat tgctcgagcg gttcggcatg ttggcatcc
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4561 tgctggagcg cagcgggctg gtggcgctgc gcaatgtat agaccagcag ttgcgcagc
4621 gctccgacat gctaaggcg cataccgcct tggctccctt ggcggcattc gtgcagacgc
4681 atccggtgcc ggcgaccccg tacgtcattt ccgacatcga cccgttgcta ggcgacaccc
4741 acgccttgcgagaactccga atgctaagcc ttttgccttc gggggcaacg acattgaacg
4801 acgacgaaat cgctcgctg cgccgcattca tcggcgggtc gggcaccagt gcccggctc
4861 ggctgggcct gatatcccg aattctcgcg aggccccgctg gcccgcgtg ggcgagcgc
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Figure 7

Rv0341 (iniB)

MTSLIDYILSLFRSEDAARSFVAAPGRAMTSAGLIDIAPHQISSVAANVVPGLNLGAGDPMMSG
RQAVAARHGFAQDVANVG FAGDAGAGVASVITTDVGAGLASGLGAGFLQGGGLALAASSGG
FGGQVGLAAQVGLGFTAVIEAEVGAQVGAGLGIGTGLGAQAGMGFGGVGLGLGGQAGGVI
GGSAAGAIGAGVGGRLLGGNGQIGVAGQGAVGAGVGAGVGGQAGIASQIGVSAGGGLGGVGN
VSGLTGVSSNAVLASNASGQAGLIASEGAALNGAAMPHLSGPLAGVGVGGQAGAAGGAGLG
FGAVGHPTPQPAALGAAGVAKTEAAAGVVGVGGATAAGVGGAHGDILGHEGAALGSVDT
VNAGVTPVEHGLVLPSGLIHGGTGGYGGMNPPVTDAPAPQVPARAQPMTTAAEHTPAVTQ
PQHTPVEPPVHDKPPSHSVFDVGHEPPVHTPPAPIELPSYGLFGLPGF

Rv0342 (iniA)

MVPAGLCAYRDLRRKRARKWGDTVTQPDDPRRVGVIVELIDHTIAIAKLNERGDLVQLRLTRA
RQRITDPQVRVVIAGLLKQGKSQLLNLPARVGDEATVVITVSYSAQPSARLVLAAGP
DGTTAAVDIPVDDISTDVRRAPHAAGGREVLRVEVGAPSPLRGGLAFIDTPGVGGLGQPHLSA
TLGLLPEADAVLVSDTSQEFTEPREMWFVRQAHQICPVGAVVATKTDLYPRWREIVNANA
LQRARVPMPIIAVSSLLRSHAVTLNDKELNEESNFPAJVKFLSEQVLSRATERVRA
GVLGEIRSA TEQLAVSLGSELSVVNDPNLRDRLASDLERRKREAQQAVQQTALWQQVLGDGFNDLTADVD
HDLRTRFRTVTEDAERQIDSCDPTAHWAEIGNDVENAIATAVGDNFWWAYQRSEALADDVA
RSFADAGLDSVLSAELSPHVMGTDFGRLKALGRMESKPLRRGHKMIIGMRGSYGGVMIGML
SSVVGGLFNPLSVGAGLILGRMAYKEDKQNRLLRVRSEAKANVRRFVDDISFVSKQSRDRL
KMIQRLLRDHYREIAEEITSLTESLQATIAAAQVAETERDNRIRELQRQLGILSQVNDNLAGL
EPTLTPRASLGRA

Rv0343 (iniC)

MSTSDRVRAILHATIQAYRGAPAYRQRGDVFCLDRIGARLAEPLRIALAGTLKAGKSTLVNAL
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EVEWPAEELIDATIVDTPGTSSLACDASERTLRLVPADGVPRVDAVVFLLRTLNAADVALLKQI
GGLVGGSGVAGLGIIGVASRADEIGAGRIDAMLSANDVAKRFTRELNQMGICQAVVPVSGLLAL
TARTLRQTEFIALRKLGAERTELNALLSVDRFVRRDSPLPVDAGIRAQLLERFGMFGIRMSI
AVLAAGVTDSTGLAAELLERSGLVALRNVIDQQFAQRSDMLKAHTALVSLRRFVQTHPVPATP
YVIADIDPLLADTHAFEELRMLSLLPSRATTLNDEIASLRRIGGSGTSAARLGLDPANSREA
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